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Applicant: Jonathan ELLMAN, et al.

Title: PHARMACOPHORE COMBINATION FOR THE  
IDENTIFICATION OF SMALL MOLECULE DRUG LEAD  
COMPOUNDS

Appl. No.: 10/029,304

Filing Date: December 28, 2001

Examiner: Unassigned

Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR 1.56

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a prima facie prior art reference against the claims of the present application.

CONCISE EXPLANATION OF  
RELEVANCE OF EACH DOCUMENT

Applicants are submitting herewith on Form PTO-1449, a list of the documents cited by or submitted to the Patent Office in parent application Serial No. 09/277,461 filed March 26, 1999, now U.S. Patent No. 6,344,344. The relevance of these documents is explained in the parent application.

Reference nos. A1 to A8, B1 and C28 to C33 were previously cited by or submitted to the Patent Office in parent application Serial No. 09/277,461, filed March 26, 1999, now U.S. Patent No. 6,344,344. As provided in 37 C.F.R. §1.98(d), copies of the documents are not being provided since they were previously cited by or submitted to the Patent Office in parent application Serial No. 09/277,461, filed March 26, 1999, now U.S. Patent No. 6,344,344. Copies of Reference nos. B2 and C34 are included in this submission.

Since the listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits, no fee is required in connection with its filing.

Applicants respectfully request that the listed documents be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with M.P.E.P. §609.

Respectfully submitted,

Date: April 5, 2002

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FORM PTO 1449 (modified)

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ATTY DOCKET NO.:

SERIAL NO.:

045413/0110

10/029,304

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

APPLICANT

Jonathan A. ELLMAN, et al.

LIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

FILING DATE

December 28, 2001

GROUP

Unassigned

Date Submitted to PTO: September 30, 1999

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	5,898,401	12/16/97	Fesik et al.	435	7.1	
	A2	5,858,727	08/19/97	Barbas et al.	435	6	
	A3	5,543,507	08/06/96	Cook et al.	536	23.1	
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	A5	5,512,435	04/30/96	Renschler et al.	435	6	
	A6	5,683,867	11/04/97	Biesecker et al.	435	6	
	A7	4,727,022	02/23/88	Skold et al.	435	7	
	A8	5,422,281	06/06/95	Harris et al.	436	501	

## FOREIGN PATENT DOCUMENTS

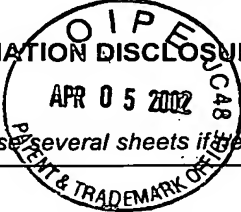
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	B1	WO 98/11436	03/19/98	PCT			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	C1		Shuker et al., <i>Science</i> 274:1531-1534 (1996).
	C2		Singh et al., <i>J. Am. Chem. Soc.</i> 118:1669-1676 (1996)
	C3		Weber et al., <i>Angew. Chem. Int. Ed. Engl.</i> 34:2280-2282 (1995)
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	C11		Rose, <i>J. Amer. Chem. Soc.</i> 116:30-33 (1994)

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				APPLICANT Jonathan A. ELLMAN, et al.			
				FILING DATE December 28, 2001		GROUP Unassigned	
U.S. PATENT DOCUMENTS							
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
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	C12		Shao et al., Amer. Chem. Soc. 117:3893-3899 (1995)				
	C13		Tuchscherer, Eng., 34:8419-8422				
	C14		Jencks, Proc. Natl. Acad. Sci. 78:4046-4050 (1981)				
	C15		Olejniczak et al., J. of Am. Chem. Soc. 119:5828-5832 (1997)				
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	C26		Pfistermueller, et al., FEBS Letters 39:14-20 (1996)				
	C27		Godfrey, et al., J. Exp. Med. 80:757-762 (1994)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 045413/0110		SERIAL NO. 10/029,304	
<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)				APPLICANT Jonathan A. ELLMAN, et al.			
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<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	B2	WO 98/48264	10/29/98	WIPO			
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	C29	Gordon et al., Applications of Combinatorial Techniques to Drug Discovery, 2. Combinatorial Organic Synthesis, Library Screening Strategies and Future Directions, J. Med. Chem., Vol. 37, No., 10, pp. 1885-1401 (1994)					
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EXAMINER				DATE CONSIDERED			
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